

FORM PTO-1390
(REV 10-00)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

NEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

UOM0218PUSA

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)

10/069640

INTERNATIONAL APPLICATION NO.
PCT/US01/48451INTERNATIONAL FILING DATE
29 October 2001 (29.10.01)PRIORITY DATE CLAIMED
27 October 2000 (27.10.00)

TITLE OF INVENTION

WELL-DEFINED NANOSIZED BUILDING BLOCKS FOR ORGANIC/INORGANIC NANOCOMPOSITES

APPLICANT(S) FOR DO/EO/US

Richard M. Laine, et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application Under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☐ Other items or information:

"Express Mail" Mailing Label No.: EV 011 677 251 USDate of Deposit: 27 February 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 C.F.R. 1.10 on the date indicated above and is addressed to: P.O. BOX PCT, Commissioner for Patents, United States Patent and Trademark Office, Washington, D.C. 0231

Linda J. Robb
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BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1,040.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$890.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$740.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$710.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">ENTER APPROPRIATE BASIC FEE AMOUNT =</td> <td style="width: 10%; padding: 5px; text-align: right;">\$ 890.00</td> <td style="width: 40%;"></td> </tr> <tr> <td style="padding: 5px;">Surcharge of \$130.00 for furnishing the oath or declaration later than ____ 20 ____ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</td> <td style="text-align: right;">\$ 00.00</td> <td></td> </tr> <tr> <td style="padding: 5px;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">CLAIMS</th> <th style="width: 20%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 20%;">RATE</th> </tr> <tr> <td>Total claims</td> <td>23 - 20 =</td> <td>3</td> <td>X \$18.00</td> </tr> <tr> <td>Independent claims</td> <td>2 - 3 =</td> <td>0</td> <td>X \$84.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$280.00</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$ 944.00</td> </tr> <tr> <td colspan="3">Reduction by 1/2 for filing by small entity. 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A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>02-3978</u>. A duplicate copy of this sheet is enclosed.</p> </div> <div style="margin-top: 20px;"> <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> </div> <div style="margin-top: 20px;"> <p>SEND ALL CORRESPONDENCE TO:</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>MR. WILLIAM G. CONGER BROOKS & KUSHMAN P.C. 1000 TOWN CENTER, 22ND FLOOR SOUTHFIELD, MI 48075 PHONE: (248) 358-4400 FAX: (248) 358-3351</p> </div> <div style="width: 45%;"> <p>Signature: </p> <p>Name: <u>William G. Conger</u></p> <p>Registration No.: <u>31,209</u></p> </div> </div> </div>		ENTER APPROPRIATE BASIC FEE AMOUNT =	\$ 890.00		Surcharge of \$130.00 for furnishing the oath or declaration later than ____ 20 ____ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).	\$ 00.00		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">CLAIMS</th> <th style="width: 20%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 20%;">RATE</th> </tr> <tr> <td>Total claims</td> <td>23 - 20 =</td> <td>3</td> <td>X \$18.00</td> </tr> <tr> <td>Independent claims</td> <td>2 - 3 =</td> <td>0</td> <td>X \$84.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$280.00</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$ 944.00</td> </tr> <tr> <td colspan="3">Reduction by 1/2 for filing by small entity. 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U.S. APPLICATION NO. (If known, see 37 CFR 1.53)

10/069640

INTERNATIONAL APPLICATION NO.
PCT/US01/48451KEY'S DOCKET NUMBER
US010218PUSA17. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):**

Neither international preliminary examination fee (37 CFR 1.482) nor
international search fee (37 CFR 1.445(a)(2)) paid to USPTO and
International Search Report not prepared by the EPO or JPO \$1,040.00

International preliminary examination fee (37 CFR 1.482) not paid to
USPTO but International Search Report prepared by the EPO or JPO \$890.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$740.00

International preliminary examination fee paid to USPTO (37 CFR 1.482)
but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$710.00

International preliminary examination fee paid to USPTO (37 CFR 1.482)
and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00

ENTER APPROPRIATE BASIC FEE AMOUNT =**CALCULATIONS** PTO USE ONLY

\$ 890.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ____ 20 ____ 30
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ 00.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	23 - 20 =	3	X \$18.00	\$ 54.00	
Independent claims	2 - 3 =	0	X \$84.00	\$ 00.00	

MULTIPLE DEPENDENT CLAIM(S) (if applicable)

+ \$280.00

\$ 00.00

TOTAL OF ABOVE CALCULATIONS =

\$ 944.00

Reduction by 1/2 for filing by small entity. Applicant claims small entity status.

\$ 00.00

SUBTOTAL =

\$ 944.00

Processing fee of \$130.00 for furnishing the English translation later than ____ 20 ____ 30
months from the earliest claimed priority date (37 CFR 1.492(f)).

+

\$ 00.00

TOTAL NATIONAL FEE =

\$ 944.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property

+

\$ 00.00

TOTAL FEES ENCLOSED =

\$ 944.00

Amount to be:	
refunded	\$
charged	\$

a. ☒ A check in the amount of \$ 944.00 to cover the above fees is enclosed.


b. ____ Please charge my Deposit Account No. 02-3978 in the amount of \$ ____ to cover the above fees.
A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to
Deposit Account No. 02-3978. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or
(b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

MR. WILLIAM G. CONGER
BROOKS & KUSHMAN P.C.
1000 TOWN CENTER, 22ND FLOOR
SOUTHFIELD, MI 48075
PHONE: (248) 358-4400
FAX: (248) 358-3351

Signature: 

Name: William G. Conger

Registration No.: 31,209